

AMENDMENT UNDER 37 C.F.R. § 1.111
Appln. No. 10/648,276
Docket No. Q76956

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1-27 (canceled).

28. (currently amended): A chip manufacturing method, said method comprising:
forming a plurality of elements on a wafer, ~~each element bounded by its respective contours, and each element having at least one edge with a concave shape recessed in one direction; and~~

cutting out a plurality of chips, each chip including said plurality of one of the elements from said wafer to obtain chips each comprising an individual element;

wherein

each element includes a substantially arcuate shape;

each chip includes a concave boundary line and a convex boundary line that substantially follow an outline of said one of the elements, and

the concave boundary line of one chip of said plurality of chips is shaped the same as the convex boundary line of another chip of said plurality of chips that adjoined said one chip on said wafer.

29. (original) The chip manufacturing method as claimed in claim 28, wherein said chips are cut from said wafer using laser beam.

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30. (original) The chip manufacturing method as claimed in claim 28, wherein said chips are cut from said wafer using an ultrasonic vibration tool.

31. (original) The chip manufacturing method as claimed in claim 28, wherein said chips are cut from said wafer using hydraulic pressure.

32. (original) The chip manufacturing method as claimed in claim 28, wherein dicing is used to cut the straight-line portions of the contours of said elements.

33. (original) The chip manufacturing method as claimed in claim 28, further comprising mounting a plate on at least a portion of said chip.

34. (currently amended): A chip manufacturing method, said method comprising:
forming a plurality of elements on a wafer;
cutting out a plurality of first chips, each first chip including one of said elements~~having~~
~~at least one edge with a concave shape recessed in one direction;~~
cutting out a second ship having a contour that is substantially similar to the contour of
said first chip; and
bonding ~~said~~one of said first chips to said second chip;
wherein

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each element includes a substantially arcuate shape,
each of said first chips includes a concave boundary line and a convex boundary line that
substantially follow an outline of said one of the elements, and
wherein the concave boundary line of said one first chip of said first chips is shaped the
same as the convex boundary line of another of said first chips that adjoined said one first chip
on said wafer.

35. (original) The chip manufacturing method as claimed in claim 34, wherein said first chip and said second chip are bonded together using an adhesive.

36. (original) The chip manufacturing method as claimed in claim 34, wherein:
said first chip is cut from a first wafer; and
said second chip is cut from a second wafer.